Garret's Turbo Charger has renown for its technology and performances

from history of Honeywell

List of acquired certificates

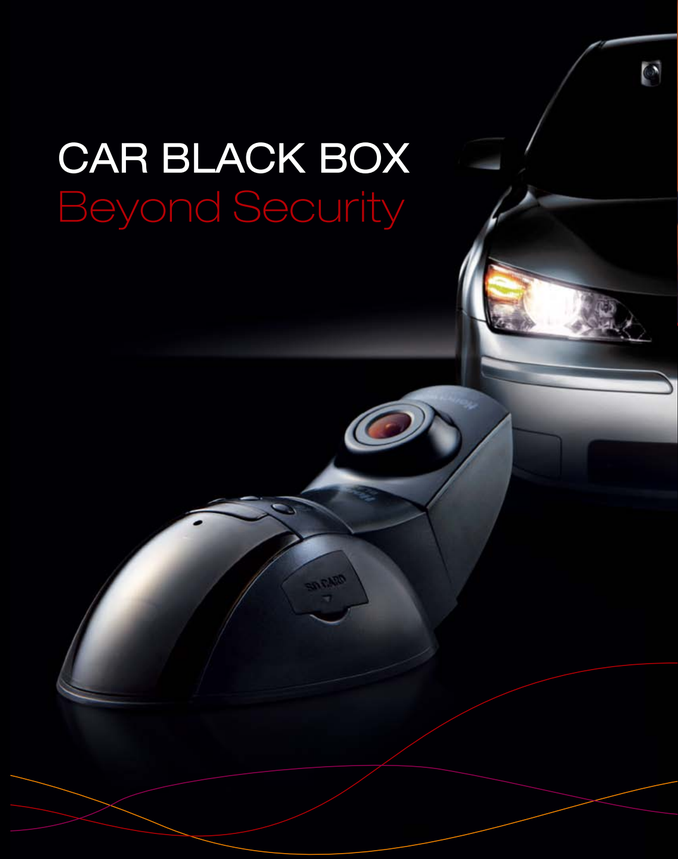
- KCC (Korea Communications Commission)
- CE (Conformite European Mark)
- E11 (United Kingdom Vehicle Approval Authority)
- FCC (Federal Communications Commission)
- Good Design Mark

CAR BLACK BOX

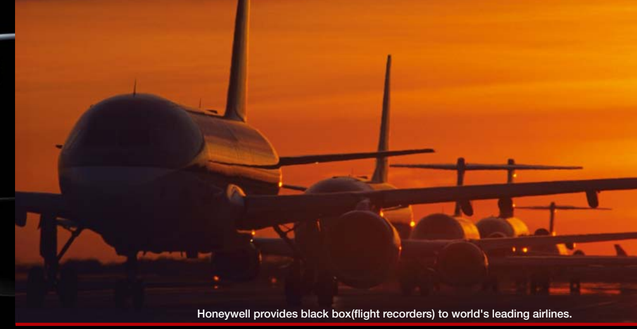
Honeywell

Honeywell Security North Asia
5F, Sangam IT Tower 1590 B4-4Block, Sangam-Dong, Mapo-gu, Seoul 121-835, Korea
Tel: (82)2-799-6108 Fax: (82)2-799-6188
http://www.honeywell.co.kr/blackbox

CAR BLACK BOX
Beyond Security



Honeywell



Honeywell provides black box(flight recorders) to world's leading airlines.

Inheriting the technology & fame

Honeywell Business

Aerospace

Automation & Control Solutions

Special Material

Transportation

1. Rotation of Body and Lens

Camera body and lens rotates in both vertical and horizontal direction. It helps user to record video of desired View including car interior.

2. WDR (Wide Dynamic Range) Feature

WDR feature reduces backlight so that user can identify image without glare.

3. Super Capacity Feature

Super Capacity Feature protects recorded data safely even when power supply is disconnected unexpectedly caused by any impact or incident.

4. Emergency Recording Mode

Emergency Record Mode is activated once an impact such as sudden acceleration/break/ collision/turn forces is recognized by G-Force Sensor, and saves data in the event folder.

5. Manual Recording Mode

The driver can press manual record record button to record data during desired period.

6. Data overwriting in order

When Micro SD memory card is full, new video will overwrite old videos in timely order.

7. Voice Recording

Built-in mic captures and records sounds.

8. Voice Guide

Driver can easily identify black box setting status using built-in speaker.

9. Normal Recording Mode

Continuous recording mode by 30fps/sec with high resolution of 2Mbps.

10. Honeywell Viewer

The saved video data can be played by exclusive PC viewer manager provided by Honeywell or Window media player.

11. Recording During Parking (option)

With power cable, video can be recorded while car engine is off. The mechanism that measures remaining voltage automatically stops recording to prevent dead battery.

WDR (Wide Dynamic Range)

Image recorded with product without WDR feature

Image recorded with Honeywell black box with WDR feature

Rotating lens

Mic and Sensor while recording

DC IN Video Output

Video Recording / Sound Recording / Voice Guide button

Memory card

Voice Guide / Tape attach side

Product Contents

Main Body

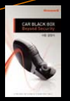
Micro SD Memory

Micro SD Reader

Cigar Jack

Cable Clips

3M Square Tape



User Manual

Power Cable (Option)

Video Output Cable (Option)

Specifications

Item	Specifications	Remarks
Camera	WDR CMOS Camera	Camera rotation / WDR : Wide Dynamic Range
Resolution	3 Mega pixel/640 x 480 (VGA) 30fps	fps : frame per second
Video Compression	H.264	
Record Angle	120 front angle view	Lens rotation enables recording of car interior
Impact Sensor	Built-in G-shock Sensor	3G sensor
Record Mode	Normal Recording Emergency Recording Manual Recording	3G-shock pre/post 15 seconds each (total 30 sec) REC button, 3 minutes
Storage Device	Micro SD Card / Size: 2GB~16GB	SDHC Supports
Voice Recording	Built-in	On/Off
Voice Intro	Built-in	On/Off
GPS	Support	Option
Power Supply	DC12V ~ DC24V	Power drawn from vehicle
Power Cable	Support	Option
Operating Temperature	-20°C ~ +70°C	
Operating Humidity	20% ~ 80% RH	